

**WHAT IS CLAIMED IS:**

*Sug 2*

1                   1.       A method of auctioning a product on a computer network  
2       having an auction site and a scan site, wherein the auction site has a sale product  
3       identifier indicative of a product for sale by a seller, the method comprising:  
4                   placing a desired product identifier on the scan site of the computer  
5       network, the desired product identifier indicative of a product desired by the buyer;  
6                   monitoring the auction site with the scan site;  
7                   comparing the desired product identifier on the scan site with the sale  
8       product identifier on the auction site; and  
9                   determining from the comparison between the desired product  
10       identifier and the sale product identifier whether the product desired by the buyer is  
11       for sale on the auction site by the seller.

1                   2.       The method of claim 1 further comprising:  
2                   notifying the buyer when the product desired by the buyer is for sale  
3       on the auction site by the seller.

1                   3.       The method of claim 2 wherein:  
2                   notifying the buyer includes notifying the buyer using electronic mail.

1                   4.       The method of claim 1 wherein:  
2                   each of the product identifiers includes a category product identifier,  
3       wherein comparing the desired product identifier with the sale product identifier  
4       includes comparing the category product identifier on the scan site with the category  
5       product identifier on the auction site.

1                   5.       The method of claim 1 wherein:  
2                   each of the product identifiers includes a description product  
3       identifier, wherein comparing the desired product identifier with the sale product  
4       identifier includes comparing the description product identifier on the scan site with  
5       the description product identifier on the auction site.

1                   6.     The method of claim 1 wherein:  
2                   the auction site includes a plurality of auction sites.

1                   7.     The method of claim 1 wherein:  
2                   monitoring the auction site with the scan site includes monitoring the  
3 auction site with the scan site using electronic data interchange messaging.

1                   8.     The method of claim 2 further comprising:  
2                   placing a bid from the buyer to the auction site for the product desired  
3 by the buyer.

1                   9.     The method of claim 2 further comprising:  
2                   removing the desired product identifier from the scan site in response  
3 to the buyer being notified that the product desired by the buyer is for sale on the  
4 auction site by the seller.

1                   10.    The method of claim 9 further comprising:  
2                   monitoring the scan site to determine the product desired by the buyer.

1                   ~~Sup 3~~ 11.    A computer network auctioning system comprising:  
2                   an auction host computer having an auction site, wherein the auction  
3 site has a sale product identifier indicative of a product for sale by a seller;  
4                   a scan host computer having a scan site, wherein the scan host  
5 computer is operable for placing a desired product identifier on the scan site of the  
6 computer network, the desired product identifier indicative of a product desired by  
7 a buyer, the scan host computer operable to monitor the auction site, compare the  
8 desired product identifier on the scan site with the sale product identifier on the  
9 auction site, and determine from the comparison between the desired product  
10 identifier and the sale product identifier whether the product desired by the buyer is  
11 for sale on the auction site by the seller.

1                   12.    The system of claim 11 wherein:

2 the scan host computer is further operable to notify the buyer when  
3 the product desired by the buyer is for sale on the auction site by the seller.

1 13. The system of claim 12 wherein:  
2 the scan host computer notifies the buyer using electronic mail.

1 14. The system of claim 12 wherein:  
2 the scan host computer is operable for placing a bid from the buyer  
3 to the auction site for the product desired by the buyer.

1 15. The system of claim 12 wherein:  
2 the scan host computer is operable for removing the desired product  
3 identifier from the scan site in response to the buyer being notified that the product  
4 desired by the buyer is for sale on the auction site by the seller.

1 16. The system of claim 11 wherein:  
2 each of the product identifiers includes a category product identifier,  
3 wherein the scan host computer compares the category product identifier on the scan  
4 site with the category product identifier on the auction site.

1 17. The system of claim 11 wherein:  
2 each of the product identifiers includes a description product  
3 identifier, wherein the scan host computer compares the description product identifier  
4 on the scan site with the description product identifier on the auction site.

1 18. The system of claim 11 wherein:  
2 the auction site includes a plurality of auction sites.

1 19. The system of claim 11 wherein:  
2 the scan host computer monitors the auction site with the scan site  
3 using electronic data interchange messaging.

1 20. The system of ~~claim~~ claim 11 wherein:

2 the auction host computer monitors the scan site to determine the  
3 product desired by the buyer.

1 *Sub 24* 21. A method of auctioning a product on a computer network  
2 having a plurality of auction sites and a scan site, wherein each of the auction sites  
3 have sale product identifiers indicative of products for sale by sellers, the method  
4 comprising:

5 placing desired product identifiers on the scan site of the computer  
6 network, the desired product identifiers indicative of products desired by buyers;

7 monitoring the auction sites with the scan site;

8 comparing the desired product identifiers on the scan sites with the  
9 sale product identifiers on the auction sites; and

10 determining from the comparison between the desired product  
11 identifiers and the sale product identifiers whether products desired by the buyers are  
12 for sale on the auction sites by the sellers.

1 22. The method of claim 21 further comprising:

2 notifying buyers which auction sites the sellers are selling products  
3 desired by the buyers when the products desired by the buyers are for sale on the  
4 auction sites by the sellers.

1 23. The method of claim 22 further comprising:

2 notifying the buyers of the current bid of the products desired by the  
3 buyers for sale on the auction sites by the sellers.

1 24. The method of claim 1 wherein:

2 monitoring the scan sites to determine the products desired by the  
3 buyers.